

Biology	Group-II	Paper-I
Time: 15 Minutes	(Objective Type)	Marks: 12

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink. Cutting or filling two or more circles will result in zero mark in that question.

- 1-1- To what category of molecules do enzymes belong:
 - (a) Proteins ✓
 - (b) Carbohydrates
 - (c) Lipids
 - (d) Nucleic acids
- 2- Where are villi found:
 - (a) Stomach
 - (b) Oesophagus
 - (c) Small intestine ✓
 - (d) Large intestine
- 3- Which of these organelles have their own DNA:
 - (a) Nucleus
 - (b) Mitochondria
 - (c) Chloroplast ✓
 - (d) Golgi bodies
- 4- Bacteria are found in Kingdom:
 - (a) Plantae
 - (b) Animalia
 - (c) Fungi
 - (d) Monera ✓
- 5- Members of the same species living in the same time, make level:
 - (a) Habitat
 - (b) Ecosystem
 - (c) Community
 - (d) Population ✓
- 6- How many molecules of CO_2 are produced when Krebs cycle operates once:
 - (a) 6 ✓
 - (b) 3
 - (c) 2
 - (d) 1
- 7- Which of these major bioelements is in the highest percentage in protoplasm:
 - (a) Carbon
 - (b) Hydrogen
 - (c) Nitrogen
 - (d) Oxygen ✓

- 8- During which phase of cell cycle spindle fibres are formed:
- (a) Metaphase
 - (b) Prophase ✓
 - (c) Interphase
 - (d) G-2 phase
- 9- Bacteria are assigned to the kingdom:
- (a) Fungi
 - (b) Monera ✓
 - (c) Protista
 - (d) Porifera
- 10- Which one of the characteristic is not in a good hypothesis:
- (a) Must be consistent with available data
 - (b) Must be testable
 - (c) Must be correct ✓
 - (d) Must move prediction
- 11- When fibrinogen makes blood clot it separates from blood and the remainder is called:
- (a) Lymph
 - (b) Plasma ✓
 - (c) Serum
 - (d) Pus
- 12- The mitochondria function is:
- (a) Lipids storage
 - (b) Photosynthesis
 - (c) Protein synthesis
 - (d) Cellular respiration ✓